

REMARKS

Applicant thanks the Examiner for the courtesy of an interview on October 13, 2005.

Reconsideration of the above-captioned patent application is respectfully requested in view of the following remarks.

The Office Action rejected claims 2, 4, 5, 7, and 9-14 under 35 U.S.C. § 102(b), as allegedly being anticipated by U.S. Patent No. 5,434,591 to Goto *et al.* ("Goto"). Applicant respectfully traverses the Examiner's rejection, as follows.

Independent claim 12, as amended, recites in part:

classifying vector data, indicating a plurality of points for displaying the image, into a first group of data and a second group of data, the first group of data has a number of the plurality of points, the number of plurality of points included in the first group of data is substantially equal to a minimum number of the plurality of points required to recognize the image, and the second group of data comprising supplementary points for supplementing the first group of data to display a more precise image;

wherein the image is represented only by the first group of data when being scrolled on a screen.

Independent claim 13, as amended, recites in part:

a data storage member classifying vector data, indicating a plurality of points for representing the image, into a first data group and a second data group, the first data group has a number of the plurality of points, the number of the plurality of points included in the first data group is substantially equal to a minimum number of the plurality of points required to recognize the image, and the second data group comprising supplementary points for supplementing the first data group to represent the more precise image, and the data storage member storing the vector data; and

wherein said image quality selection member selects the image display represented only by the first data group when the image is scrolled on a screen.

Independent claim 14, as amended, recites in part:

a data storage member for classifying vector data, indicating a plurality of points for representing the image, into a first data group, a number of the plurality of points for representing the image included in the first data group is a constant number of points, and a second data group comprising supplementary points for supplementing the first data group to represent the more precise image, and for storing the vector data; and

wherein said image quality selection member selects the image display represented only by the first data group when the image is scrolled on a screen, such that when the image is scrolled on the screen, a number of the plurality of points representing the image remains constant throughout the scrolling of the image on the screen.

Thus, in Applicant's claimed invention, during scrolling of an image through a screen, only those points **which are required for minimal recognition of the image** are used to represent the image.

As discussed in the interview, Goto describes a system for displaying graphic data in which "a characteristic of the data is altered, according to the speed of the scrolling, to facilitate the viewing of the data as the data is scrolled". Goto, Abstract, Lines 2-4. Specifically, "a selected part of the data is omitted from the display during scrolling so that a reduced amount of data is displayed, the amount of reduction in displayed data being proportional to the scrolling period." *Id.* at Lines 5-8. Because the amount of graphic data displayed changes during scrolling based on the scrolling period, the image displaying system described in Goto does not display only the minimum number of points which are required to recognize the image.

However, in the Office Action, the Examiner asserts that Figure 6 of Goto depicts items 51-53, and items 51-53 show indispensable and supplemental data points where the indispensable points 51 are a constant set of data. See, e.g., Office Action, Page 9, Lines 4-7. For the reasons set forth below, Applicants respectfully submits that item 51 of Goto does not correspond to Applicant's claimed "minimum number of the plurality of points required to recognize the image" as set forth in independent claims 12-14.

Specifically, with respect to items 51-53, Goto states that item 51 corresponds to "road information," item 52 corresponds to "house information," and item 53 corresponds to "owner information." When a user is not engaging in a scrolling operation, items 51-53 are displayed on the screen, i.e., **the image comprises items 51-53**. However, when the user engages in a scrolling operation, item 51 remains displayed on the screen, and items 52 and 53 are masked, such that **only item 51 is displayed on the screen during scrolling**. See, e.g., Goto, Column 5, Lines 4-42. As such, **during a scrolling operation, data is removed from the screen based on the content of the data or the type of data**, e.g., road information remains displayed on the screen while house and ownership information is removed from the screen.

Nevertheless, this removal of data from the screen based on the content of the data or the type of the data does not correspond to Applicant's claimed "minimum number of the plurality of points required to recognize the image." Specifically, in ***Applicant's* claimed invention, if the image comprised items 51-53 when the user is not engaging in a scrolling operation, then during a scrolling operation, the image would comprise a minimum number of points associated with item 51, a**

minimum number of points associated with item 52, and a minimum number of points associated with item 53, i.e., the image only would comprise the minimum number of points associated with the entire image. However, in Goto, all of the data points associated with each of items 52 and 53 are removed from the screen during the scrolling operation, and all of the data points associated with item 51 remain displayed on the screen during the scrolling operation. Because **all** of the data points associated with item 51 (road information) are displayed on the screen during the scrolling operation, some of the data points displayed on the screen during the scrolling operation are not the minimum number of points required for image recognition. Specifically, item 51 **still would be recognizable** if some of the data points associated with item 51 that are displayed during the scrolling operation were removed from the screen during the scrolling operation. Moreover, because all of the data points associated with item 52 (housing information) and all of the data points associated with item 53 (ownership information) are removed the screen during the scrolling operation, the minimum number of points associated with item 52 and the minimum number of points associated with item 53 are removed from the screen when the scrolling operation occurs. In sum, Goto merely describes removing entire portions of the image during the scrolling operation based on the content of the data. Therefore, Applicant respectfully requests reconsideration and withdrawal of the rejection of independent claims 12-14.

Claims 2, 4, 5, 7, and 9-11 depend from allowable independent claims 12 and 13, respectively. Therefore, Applicant respectfully requests reconsideration and withdrawal of the rejection of claims 2, 4, 5, 7, and 9-11.

CONCLUSION

Applicant submits that the application is now in condition for allowance. If the Examiner believes the application is not in condition for allowance, Applicant respectfully requests that the Examiner contact the undersigned attorney by telephone if it is believed that such contact will expedite the prosecution of the application.

In the event that this paper is not considered to be timely filed, Applicant respectfully petitions for an appropriate extension of time.

The Commissioner is authorized to charge payment for any additional fees which may be required with respect to this paper to our Deposit Account No. 01-2300, making reference to attorney docket number 107156-00080.

Respectfully submitted,



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